



Color
ImageRUNNER®
LBP5960



Color
ImageRUNNER®
LBP5360



ImageRUNNER®
LBP3460

Canon imageRUNNER LBP Series

Product Overview Guide

- Color imageRUNNER LBP5960
- Color imageRUNNER LBP5360
- imageRUNNER LBP3460

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imageRUNNER Power on the Desktop

Canon is redefining desktop productivity with the launch of three new Laser Beam Printers (LBP). Introducing the new imageRUNNER LBP Series — the Color imageRUNNER LBP5960, the Color imageRUNNER LBP5360 and the imageRUNNER LBP3460.

Canon has long been one of the world's most respected leaders and innovators in document imaging. The Canon imageRUNNER LBP Series includes many of the same technologies that have been continually refined over decades of research and development. Powered by the same system architecture designed for the imageRUNNER line, the new Canon imageRUNNER LBP Series sets unprecedented standards for desktop laser beam printers.

The new Canon imageRUNNER LBP Series provides much of the same high quality output, productivity enhancements, and rich features that customers have come to expect from an imageRUNNER line — at a price that is competitive with laser beam printers in the market from other companies.

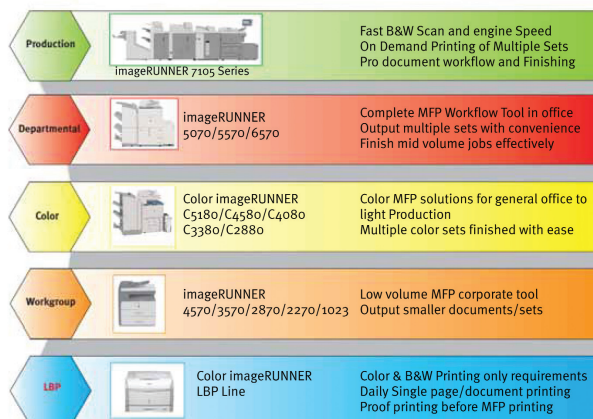


Completing the Corporate Workflow

Canon completes the corporate workflow — from desktop to production — with the new imageRUNNER LBP Series. High quality and productivity once existed only in the MFP realm, but now there is a Canon imageRUNNER device to meet the demands of every corporate environment and budget.

The Canon imageRUNNER Series has been designed with the corporate workgroup in mind. It delivers the high productivity that users need for short-run printing of emails, memos, correspondences, presentations, drafts and mission critical documents.

Customers who stand to gain the most from the Canon imageRUNNER LBP Series are organizations that currently have a Canon imageRUNNER device deployed, yet need a cost-effective and highly-available solution for general business documents in a workgroup environment. The Canon imageRUNNER LBP Series is ideal since it can easily integrate into an existing imageRUNNER infrastructure. In addition, many organizations are using older and more outdated desktop laser beam printers and seek a higher-quality replacement to improve productivity. The Canon imageRUNNER LBP Series are the best products on the market today to address both situations, and more.



Hardware Overview

imageRUNNER LBP5960

The Color imageRUNNER LBP5960 is a full-color, single-pass desktop laser beam printer best suited for workgroups that need to print higher volume or larger format color documents. It can output documents at up to 30 pages per minute (letter) in both color and monochrome.

Paper sizes of up to 11"x17" (ledger) can be handled, and the device has a combined standard paper capacity of 320 sheets in the paper cassette and multi-purpose tray. Up to three optional paper cassettes can be added, bringing the total online paper capacity to 1,970 sheets.

The Color imageRUNNER LBP5960 is an optimal solution for customers who typically produce 3,000 to 5,000 impressions per month.

Features/Hardware Overview:

– Color imageRUNNER LBP5960 Product Configuration

Consumables

- Set-On Toner Cartridge (QF Color Toner)
- High Duty Drum Unit
- High Capacity Waste Toner Box

Productivity

- Color RAPID Fusing System™:
 - Fast FPOT
 - Short Warm-Up Time
 - Low Energy Consumption
- Short Vertical Paper Path
- UFR II

Utility Software

- Remote UI
- NetSpot Device Installer
- imageWARE Enterprise Management Console
- imageWARE Publishing Manager (opt.)

System Architecture

- True 1200 dpi Printing*
- Fast Processing Speed
- Encrypted Secured Print
- Hard Disk Drive Erase
- iR Common Driver

Paper Handling

- Duplex Printing Standard
- Standard Cassette & Multi-Purpose Tray
- 11" x 17" Paper Handling



- Compact Desk Top Size
15" x 21 1/2" x 24" (H x W x D)

* Print speed will be reduced during 1200 dpi printing.

Color imageRUNNER LBP5960 Accessories

Paper Feeder Unit PF-98

- Add a maximum of three additional front-loading user-adjustable 550-sheet paper cassettes to the standard paper supply
- Supports up to 11" x 17" paper size

Expansion RAM ER-128 Expansion RAM ER-256

- Expands the memory capacity up to 384MB
- One slot to add memory

Hard Disk Kit HD-98A

- Save print jobs temporarily
- Used for Job Spooling
- Required for Secured Print and Encrypted Secured Print

Barcode Printing Kit A-98A

- Provides the ability to print barcodes
- Enables NetWare printing

Cabinet-W1 Cabinet-X1

- Small cabinet which can be used with all three additional cassettes
- Large cabinet which can be used with one additional cassette

Hardware Overview

imageRUNNER LBP5360

The Color imageRUNNER LBP5360 is an economical full-color, single-pass desktop laser beam printer best suited for workgroups that need to print lower volume color and black-and-white documents. It can output documents at up to 22 pages per minute (Letter) in both color and monochrome.

Paper sizes of up to 8.5"x14" can be handled, and the device has a combined standard paper capacity of 350 sheets in the paper cassette and multi-purpose tray. A single optional paper cassette can be added, bringing the total online paper capacity to 850 sheets.

The Color imageRUNNER LBP5360 is an optimal solution for customers who typically produce 1,000 to 4,000 impressions per month.

Features/Hardware Overview:

– Color imageRUNNER LBP5360 Product Configuration

All-in-one Cartridge

- Complete Front Access for Maintenance
 - Cartridge
 - Paper Supply

Productivity

- Color RAPID Fusing System™:
 - Fast FPOT
 - Short Warm-Up Time
 - Low Energy Consumption
- Accelerated Paper Feeding Method
- UFR II

Utility Software

- Remote UI
- NetSpot Device Installer
- imageWARE Enterprise Management Console
- imageWARE Publishing Manager (opt.)

System Architecture

- Fast Processing Speed
- Encrypted Secured Print
- Hard Disk Drive Erase
- iR Common Driver

Paper Handling

- Duplex Printing Standard
 - Delivers no loss in productivity
- Standard Cassette & Multi-Purpose Tray
- Legal Paper Handling



- Compact Desk Top Size
17 1/4" x 16 1/4" x 17 7/8"
(H x W x D)

Color imageRUNNER LBP5360 Accessories

Paper Feeder Unit PF-93

- Add a maximum of one additional front-loading user-adjustable 500-sheet paper cassettes to the standard paper supply
- Supports up to 8.5" x 14" paper size

Expansion RAM ER-128 Expansion RAM ER-256

- Expands the memory capacity up to 384MB
- One slot to add memory

Hard Disk Kit HD-93

- Save print jobs temporarily
- Used for Job Spooling
- Required for Secured Print and Encrypted Secured Print

Cartridge 111 Yellow Cartridge 111 Magenta Cartridge 111 Cyan Cartridge 111 Black

- All in one Toner & Drum Cartridge
- Used for the Color imageRUNNER LBP5360

Hardware Overview

imageRUNNER LBP3460

The imageRUNNER LBP3460 is a monochrome desktop laser beam printer best suited for workgroups that need to print higher volume black-and-white documents. It can output documents at up to 35 pages per minute (letter) in monochrome.

Paper sizes of up to 8.5"x14" can be handled, and the device has a combined standard paper capacity of 350 sheets in the paper cassette and multi-purpose tray. A single optional paper cassette can be added, bringing the total online paper capacity to 850 sheets.

The imageRUNNER LBP3460 is an optimal solution for customers who typically produce 3,000 to 6,000 impressions per month.

Features/Hardware Overview:

– imageRUNNER LBP3460 Product Configuration

All-in-one Cartridge

- Complete Front Access for Maintenance
- 12K Cartridge
- 6K Cartridge

System Architecture

- Fast Processing Speed
- iR Common Driver

Productivity

- RAPID Fusing System™:
 - Fast FPOT
 - Short Warm-Up Time
 - Low Energy Consumption
- UFR II

Paper Handling

- Duplex Printing Standard
 - Delivers no loss in productivity
- Standard Cassette & Multi-Purpose Tray
- Legal Paper Handling

Utility Software

- Remote UI
- NetSpot Device Installer
- imageWARE Enterprise Management Console
- imageWARE Publishing Manager (opt.)



• Compact Desk Top Size
10 3/4" x 17 5/8" x 16 1/4"
(H x W x D)

imageRUNNER LBP3460 Accessories

Paper Feeder Unit PF-36

- Add a maximum of one additional front-loading user-adjustable 500-sheet paper cassette to the standard paper supply
- Supports up to 8.5" x 14" paper size

Expansion RAM ER-64 Expansion RAM ER-128 Expansion RAM ER-256

- Expands the memory capacity up to 320MB
- One slot to add memory

Cartridge 110

- All-in-one Toner & Drum Cartridge
- 6,000 impressions (based on 5% coverage)

Cartridge 110 II

- All-in-one Toner & Drum Cartridge
- 12,000 impressions (based on 5% coverage)

Powerful Processing Engine

The Canon imageRUNNER LBP Series is powered by a system architecture that is similar to the current imageRUNNER line, and provides unparalleled speed, power and functionality. Fast processing of large and complex documents is further enhanced through expandable onboard memory. Whether the needs of users are basic or more demanding, the imageRUNNER LBP Series offers a scalable solution to all environments.

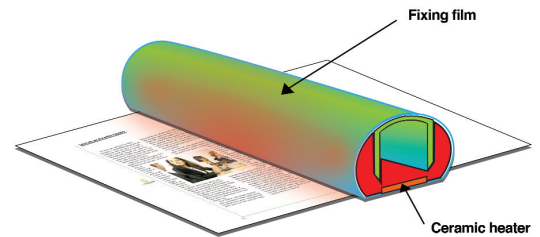
		Color imageRUNNER [®] LBP5160	Color imageRUNNER [®] LBP5360	imageRUNNER [®] LBP3460
Productivity				
Copy/Print Speed (LTR)		Color : 30ppm B/W : 30ppm	Color : 22ppm B/W : 22ppm	35ppm
FPOT		Color 9.0 Sec. B/W 7.5 Sec	Color 10.1 Sec. B/W 10.1 Sec	8.0 Sec
Warm-Up Time (From Standby)		0 seconds	0 seconds	0 seconds
Printing Resolution		1,200dpi	600dpi	600dpi
Printing Feature		UFR II Standard / PCL5c Standard	UFR II Standard / PCL5c Standard	UFR II Standard / PCL5e,6 Standard
Engine spec.				
RAM	Standard	128MB RAM	128MB RAM	64MB RAM
	Maximum	384MB RAM	384MB RAM	320MB RAM
Hard Disk Drive		20GB HDD Optional	20GB HDD Optional	None
Interface	Network	10/100 Base-TX, Parallel Connector (IEEE1284 Compatible)	10/100 Base-TX, Parallel Connector (IEEE1284 Compatible)	10/100 Base-TX
	Others	USB 2.0	USB 2.0	USB 2.0

Superb Image Quality

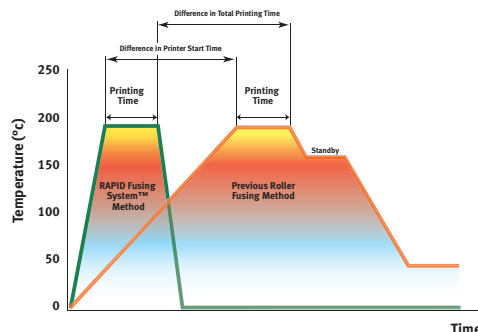
The imageRUNNER LBP Series produces output of unparalleled quality, regardless of the document. Users can print remarkably sharp and impactful presentations, architectural renderings, engineering diagrams or general office documents at high speed. The Color imageRUNNER LBP5960 utilizes an innovative compact 4-in-1 laser beam unit that reaches true 1200 dpi output* in super fine mode for enhanced image clarity and gradients, or fine mode for precise output at 600 dpi. The Color imageRUNNER LBP5360 and imageRUNNER LBP3460 models both deliver crisp output at up to 600 dpi.

* Print speed will be reduced during 1200 dpi printing.

RAPID Fusing System™



Change in Heat Levels in
RAPID Fusing System™ and Roller Fusing



RAPID Fusing System™

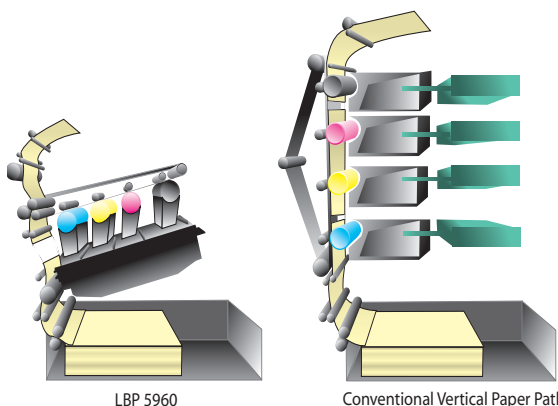
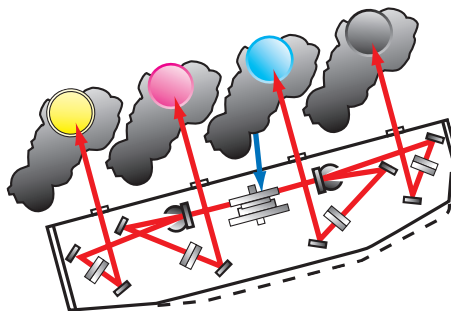
The long wait for printed output is over since the Canon imageRUNNER Series requires no warm-up time from standby mode to produce documents fast. The power of the RAPID Fusing System™ is inside each model, which uses a special fixing film and ceramic heater unlike traditional roller-fixing devices. RAPID Fusing System™ provides exceptional image quality with zero warm-up time and reduces first print-out time, while requiring less heat and energy consumption.

Next Generation Toners

The Color imageRUNNER LBP5960 uses the new QF (Quick Fixing) Color Toner and the Color imageRUNNER LBP5360 uses the S Toner to achieve superior image quality at high speed. These new oil-less toners have special properties that enable it to melt fast at low temperature and pressure to maintain fast output with Color RAPID Fusing System™.

4-In-1 Laser Scanner

The Color imageRUNNER LBP5960 requires less valuable desktop space, yet is able to produce larger format double-sided color documents with ease. The new 4-in-1 laser scanner in the Color imageRUNNER LBP5960 uses four individual lasers aimed at one polygon mirror from different angles to expose each beam to the drum. This remarkable design is responsible for the compact size of the device because it does not need a separate laser scanner for each image drum.



LBP 5960

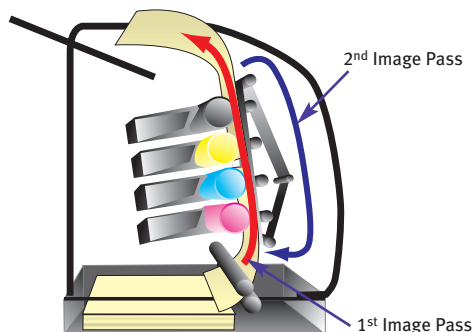
Conventional Vertical Paper Path

Short Vertical Paper Path

The Color imageRUNNER LBP5960 features a remarkably short vertical paper path, resulting in short first print-out times of 7.5 seconds (monochrome) and 9.0 seconds (color). The short path also contributes to the extremely compact size of the device.

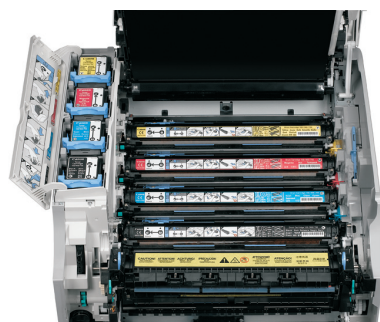
Accelerated Paper Feeding Method

The Color imageRUNNER LBP5360 uses the new Accelerated Paper Feeding Method to achieve no loss in productivity when printing duplex documents. This new method accelerates the paper through the second-pass for consistent high speed output.



Front-Load Access

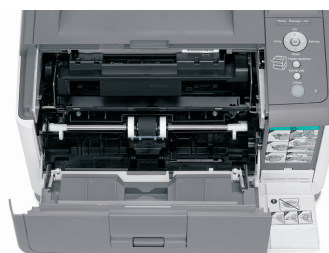
All models in the Canon imageRUNNER LBP Series are remarkably compact and feature front-load access to consumables such as drum, toner, fuser and paper supply. This enables the devices to be conveniently placed either on top of or below a desk, in a corner, or in previously unusable space.



LBP5960



LBP5360









LBP3460

Productivity Highlights

imageRUNNER LBP SERIES

Advanced Paper Handling

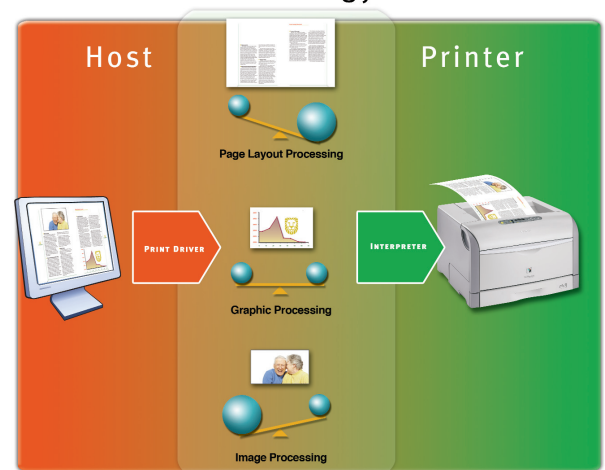
The Canon imageRUNNER LBP Series features a standard auto-duplexing function that can save paper costs by printing double-sided documents with nonstop productivity. Using a trayless duplexing design, the imageRUNNER LBP Series assures high reliability of paper feeding in a very compact size. In addition, each model offers options that provide extra paper capacity for even longer continuous operation. Up to three optional 550-sheet cassettes can be installed on the Color imageRUNNER LBP5960, while the Color imageRUNNER LBP5360 and imageRUNNER LBP3460 each offer the option for one additional 500-sheet cassette.

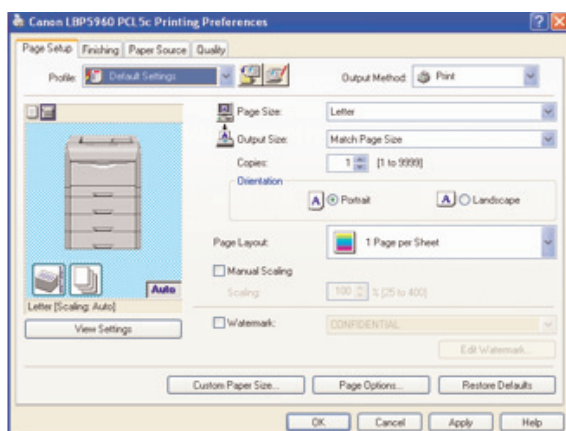
		Main Unit with Paper Feeder PF-98 x 3	Main Unit with Paper Feeder PF-93	Main Unit with Paper Feeder PF-36
				
				
Paper Handling				
Standard	Cassette	230 Sheets	250 Sheets	250 Sheets
	Multi Purpose Tray	90 Sheets	100 Sheets	100 Sheets
Optional Cassette		550 Sheets x 1 Can be added up to 3 cassettes	500 Sheets x 1	500 Sheets x 1
Maximum Sheets		1,970 Sheets	850 Sheets	850 Sheets

UFR II Print Controller

The Canon UFR II Print Controller is included in all three models in the Canon imageRUNNER LBP Series. This proprietary architecture has been consistently proven to deliver faster output than PCL or PS page description languages for complex documents that include images, graphics and text. The UFR II Controller achieves high-performance printing by automatically distributing data processing between the print driver on the user's desktop computer and the imageRUNNER LBP device. The intelligent architecture automatically determines the optimal balance of processing by analyzing the layout and graphic components of each page. This unique approach maintains exceptionally high print performance on office documents and PDF files. The print controller provides support for UFR II, PCL 5c (Color imageRUNNER LBP5960 and LBP5360), and PCL 5e/6 (imageRUNNER LBP3460).

UFR II Print Technology





Consistent imageRUNNER Print Driver Architecture

The imageRUNNER LBP Series utilizes the same consistent printer driver that Canon developed for the imageRUNNER line. By standardizing the driver interface across the entire imageRUNNER series — from desktop to production devices — users need to only familiarize themselves with one universal set of print functions. Each intuitive tab in the printer driver provides graphical icons representing the device, as well as the page layout of the particular print job being submitted.

Additionally, the Dynamic Configuration function of the printer driver always displays accurate information on the device's configuration options and installed paper to eliminate errors. The imageRUNNER printer driver is compatible with both Windows and Macintosh environments.



20 GB Hard Disk Drive or Barcode Printing Options

The Color imageRUNNER LBP5960 and LBP5360 models offer an internal 20 GB Hard Disk Drive Option to deliver valuable productivity features and enhanced security technology. The Hard Disk Drive Option provides the ability to store documents locally on the device, and use features such as Secured Print, Encrypted Secured Print, RIP-Once, Job Spooling, Interrupt Mode and Hard Disk Drive Erase. The Color imageRUNNER LBP5960 also offers a Barcode Printing Option that adds Netware printing capabilities (cannot be installed with Hard Disk Drive Option).

Hard Disk Drive Option Productivity Enhancements

When the Hard Disk Drive Option is installed on Color imageRUNNER LBP5960 and LBP5360 models, three key features are enabled to further enhance productivity. The RIP-Once function reduces the processing time for frequent or complicated print jobs. The Enhanced Spooling function improves printing in multi-user environments. The Document Storage feature allows users to store and share frequently used documents or forms in up to 100 boxes, which can be accessed through the Remote UI utility for quick output.

Security & Administration Highlights

imageRUNNER LBP SERIES

Device Security

To prevent unauthorized device access, each model in the Canon imageRUNNER LBP Series includes the ability to limit access to specific users or groups through network security restrictions. Permissions can be granted by either IP address ranges and/or MAC address filtering. When the MAC address filter is enabled, only those MAC addresses that are registered will have access to the device. This is an important security feature since MAC addresses are unique to each computer and cannot be changed, unlike IP addresses. Up to 50 MAC addresses can be specified for each device.

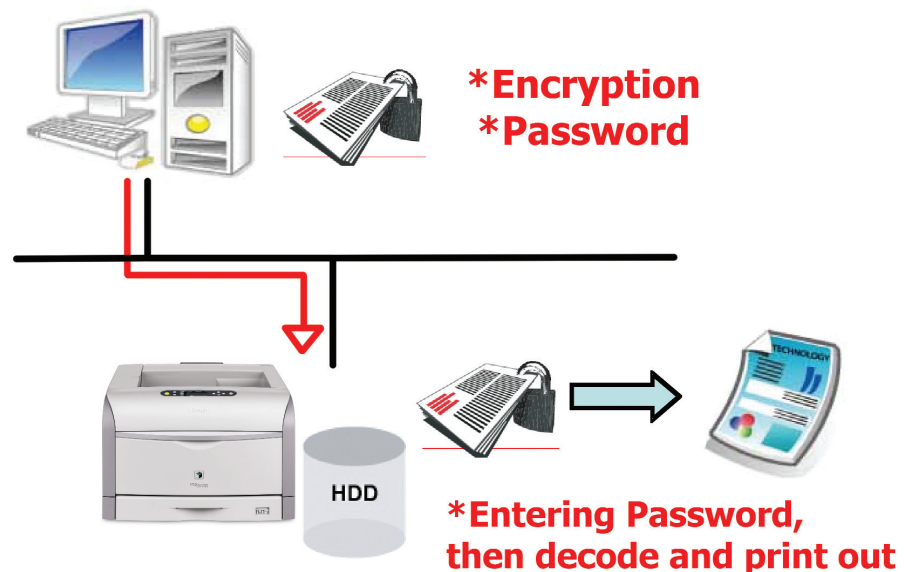
Data Security

When the Hard Disk Drive Option is installed on Color imageRUNNER LBP5960 and LBP5360 models, the Hard Disk Drive Erase function offers security against the interception of confidential information. Companies are increasingly concerned about the risks document security, and the Hard Disk Drive Erase function automatically overwrites the portions of the drive where deleted data was stored to keep it from prying eyes.

Document Security




Color imageRUNNER LBP5960 and LBP5360 models offer the ability to protect documents from being intercepted over the network or at the device when the Hard Disk Drive Option is installed. The Secured Print function stores documents on the device until the user-defined password is entered for printing. For an added layer of security, the Encrypted Secured Print feature encrypts and password-protects documents before sending to the device over the network.

Encrypted Secured Print



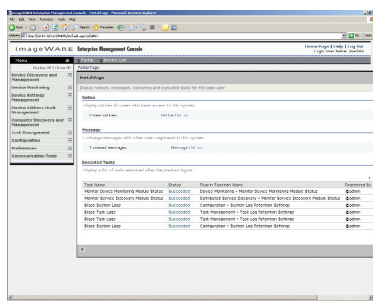
NetSpot Device Installer

Administrators will appreciate the Canon NetSpot Device Installer, which provides simplified device setup and installation capabilities for the Canon imageRUNNER LBP Series. The software enables remote setup of network protocols and device information, as well as displaying device status.

				Note
Remote UI (User Interface)	STD	STD	STD	
Canon Font Manager	STD	STD	STD	Manual CD
Netspot Device Installer	Yes	Yes	Yes	Web distribution
imageWARE Enterprise Management Console	Yes	Yes	Yes	Web distribution
imageWARE Publishing Manager	Yes	Yes	Yes	Optional

Remote UI (User Interface)

Users and administrators alike appreciate the benefits of the standard Remote UI utility, which is similar to the same function on the imageRUNNER line. This powerful Web-based tool provides the same ability to check device status, track current job progress, monitor paper and toner levels and administer boxes of stored documents on models in the Canon imageRUNNER LBP Series.

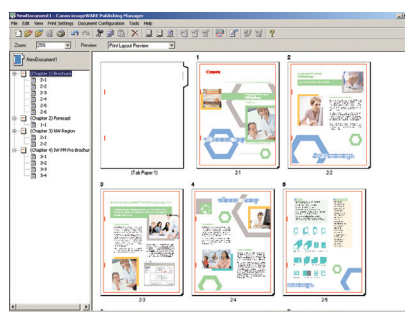


imageWARE Enterprise Management Console

Whether the imageRUNNER LBP Series is deployed in a small business or a large enterprise, administrators can utilize the same centralized device management software used for the imageRUNNER line. Canon imageWARE Enterprise Management Console is a scalable real-time tool that enhances productivity of managing multiple devices. Some of the many features include: automatic discovery of new devices at set, e-mail alerts of device errors or service requirements, remote retrieval of device settings information. Administrators can also push the print drivers to PC-based desktop computers for rapid deployment.

imageWARE Publishing Manager

The Canon imageWARE Publishing Manager software option provides powerful desktop tools to produce professional documents through a simple drag-and-drop interface. Documents can contain content from many different sources and applications, and the software provides access to a number of additional editing and imposition capabilities.



Usability Features

imageRUNNER LBP SERIES

Simplified Maintenance

The Canon imageRUNNER LBP Series has been designed to optimize productivity through the minimization of downtime. This is achieved through the front-load access to all customer replaceable components. Each set-on color toner cartridge in the Color imageRUNNER LBP5960 is capable of yielding up to 6,000 vivid images and the black set-on toner cartridge delivers up to 10,000 crisp images*. When replacements are required, each toner cartridge and image drum can be replaced individually to improve operating cost effectiveness. The Color imageRUNNER LBP5360's distinctive all-in-one cartridge simplifies maintenance as well through the combination of toners, image drums, developer and waste toner box in a single cartridge capable of yielding up to 6,000 pages in full color or 6,000 pages* in monochrome. The imageRUNNER LBP3460 features a standard or high-volume all-in-one toner and drum cartridge that can yield up to 6,000* or 12,000* images, respectively.

*Based on 5% coverage



Drum Units for LBP5960



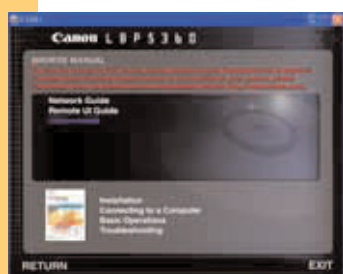
Set On Toner Cartridges for LBP5960

Intuitive Operation

The Canon imageRUNNER LBP Series features an easy-to-use panel for users to interact with each device. Particular consideration was placed on designing a familiar interface that would achieve simplicity in setup and operation for users. The end result is an interface that maximizes productivity in multi-user environments through an intuitive layout of all menus and features.



LBP 3460 Operation Panel



Electronic Documentation

The documentation for models in the Canon imageRUNNER LBP Series are CD-based, so users will not have to waste time scanning through large printed manuals.

Side-By-Side Comparison

Canon imageRUNNER LBP Series Side-By-Side Comparison

imageRUNNER LBP SERIES

	Color imageRUNNER LBP 5960	Color imageRUNNER LBP5460	imageRUNNER LBP3460
Specifications			
Dimensions (Height x Width x Depth)	15" x 21 1/2" x 24"	17 1/4" x 16 1/4" x 17 7/8"	10 3/4" x 17 5/8" x 16 1/4"
Color Print Speed (Letter)	Color: 30 ppm / B&W: 30 ppm	Color: 22 ppm / B&W: 22 ppm	B&W: 35 ppm
Maximum Print Resolution	1200 dpi	600 dpi	600 dpi
Interpolated Resolution	—	—	—
Warm-Up Time	0 sec. (from standby)	0 sec. (from standby)	0 sec. (from standby)
First Print-Out Time	Color: 9.0 sec. / B&W: 7.5 sec.	Color: 10.1 sec. / B&W: 10.1 sec.	B&W: 8.0 sec.
Toner / Drum Cartridges	Set-On Toner and Drum Units	Color All-In-One Cartridge	Black All-In-One Cartridge
Toner Yield (Pages at 5% coverage)	Color: 6,000 / B&W: 10,000	Color: 6,000 / B&W: 6,000	6,000 / 12,000 (dep. on cartridge)
Optimal Monthly Print Volume	3,000 – 5,000 impressions	1,000 – 4,000 impressions	3,000 – 6,000 impressions
Maximum Monthly Duty Cycle	120,000 impressions	80,000 impressions	150,000 impressions
Hardware			
RAPID Fusing System™	Std.	Std.	Std.
4 in 1 Laser Unit	Std.	—	—
20 GB HDD	Opt.	Opt.	—
Barcode Printing ^{1,2}	Opt.	—	—
RAM	Std: 128MB / Opt: 384MB	Std: 128MB / Opt: 384MB	Std: 64MB / Opt: 320MB
Interface	Ethernet, USB 2.0, Parallel	Ethernet, USB2.0, Parallel	Ethernet, USB 2.0
Productivity			
Short Vertical Paper Path	Std.	—	—
Accelerated Paper Feeding	—	Std.	—
UFR II Printing	Std.	Std.	Std.
Maximum Paper Size	Ledger	Legal	Legal
Duplex Printing	Std.	Std.	Std.
Paper Capacity (Sheets)	Std: 320 / Max: 1,970	Std: 350 / Max: 850	Std: 350 / Max: 850
Output Capacity (Sheets)	Std: 250	Std: 250	Std: 250
Maximum Paper Weight	80 lb. (Cover)	80 lb. (Cover)	65 lb. (Cover)
Ease of Use			
Front Load Access	Std.	Std.	Std.
Electronic Manuals	Std.	Std.	Std.
Software			
Remote UI	Std.	Std.	Std.
NetSpot Device Installer	Std.	Std.	Std.
imageWARE EMC ³	Opt.	Opt.	Opt.
imageWARE Publishing Manager	Opt.	Opt.	Opt.
Security Features			
Encrypted Secured Print	Std. with Hard Disk Drive Option	Std. with Hard Disk Drive Option	—
Secured Print	Std. with Hard Disk Drive Option	Std. with Hard Disk Drive Option	—
HDD Data Erase	Std. with Hard Disk Drive Option	Std. with Hard Disk Drive Option	—
IP Address Range Settings	Std.	Std.	Std.
MAC Address Filter Security	Std.	Std.	Std.

¹ Opt Hard Disk Drive cannot be installed at the same time with the Barcode Kit A-98A

² Barcode Kit A-98A needs to be installed for Netware printing

³ Software will be available for download at no cost to dealers and customers on www.usa.canon.com

imageRUNNER LBP5960



SPEC SHEET



MAIN UNIT

Type:	Desktop Color Laser Printer
Printing Method:	Electrophoto Method (Color RAPID Fusing System™)
Developing System:	Dry Dual Component Developing System
Memory:	
Standard:	128 MB RAM
Maximum:	384MB RAM *
Hard Disk Drive:	Optional 20 GB
Network Interface:	
Connections:	Parallel Connector (IEEE1284 Compatible) 10/100 Base-TX (RJ-45)
Other Interface:	USB 2.0 High Speed / USB Full-Speed (USB 1.1 Equivalent)
User Interface:	LCD 16 Characters x 1 Line 10 LED Indicators 8 Operation Keys
First-Print Time:	7.5 Seconds (B/W) 9.0 Seconds (Color)
Warm-Up Time:	0 Seconds From Standby, 30 Seconds or Less After Powering ON

Print Speed

(B/W, Color):	30/30 ppm (Letter)
CPU:	PowerPC 750Cxr (400 MHz **)
Command Language:	UFR II, PCL5c

Print Resolution

UFR II:	1200 dpi x 1200 dpi *** (Super Fine Mode) / 2400 dpi equivalent x 600 dpi (Fine Mode)
PCL5c:	2400 dpi equivalent x 600 dpi
Engine Resolution:	1200 dpi x 1200 dpi

Printer Drivers

UFR II:	Windows® (Windows 2000/XP/Server 2003,Citrix MetaFrame), Macintosh® (OS 10.2.8 or later)
PCL5c:	Windows (Windows 98/Me/2000/XP/Server 2003, Citrix MetaFrame)
Halftone:	256 Gradations (Continuous-Tone)

Paper Sources

Standard:	230-Sheet Paper Cassette (20 lb. Bond) 90-Sheet Multi Purpose Tray
Optional:	550-Sheet x Up To 3 Paper Cassettes
Maximum:	1,970 Sheets

Paper Sizes

Cassettes:	Ledger, Legal, Letter, Executive
Multi Purpose Tray:	Ledger, Legal, Statement, Letter, Executive, Custom Sizes (Width: 3-7/8" to 5-3/4" Length: 5-1/2" to 18"), Long Size Paper (Width: 8-3/8" to 11-3/4" Length: 18" to 47-1/4") and Envelopes

Acceptable Paper Weight

Cassettes:	17 lb. Bond to 28 lb. Bond
Multi Purpose Tray:	17 lb. Bond to 80 lb. Cover
Maximum Paper Size:	11"x17" (305x457mm Paper Size)
Maximum Monthly Volume:	120,000 impressions
Output Capacity:	Approximately 250 Sheets (20 lb. Bond)
Paper Output:	Face Down
Duplexing:	Standard Automatic Trayless Duplexing (Executive to 11" x 17")
Dimensions (H x W x D):	15" x 21-1/2" x 24" (Main Unit)
Installation Space (W x D):	21-1/2" x 35-7/8"
	(When the Multi Purpose Tray is extended)
Weight:	Approximately 114.6 lb. (52 kg) ****
Power Supply:	120V - 127V 60 Hz

Power Consumption

Operating:	Approximately 585 W (Average)
Standby:	Approximately 29 W (Average)
Power Save Mode:	Approximately 10 W (Average)
Plug:	NEMA 5-15P
Toner (Estimated Yield):	Black: 10,000 images@5% coverage ***** Full Color: 6,000 images@5% coverage *****

Optional Accessories

Paper Feeder Unit PF-98	
Paper Sizes:	Ledger, Legal, Letter, Executive, Custom Sizes (Width: 8-3/8" to 11-3/4" Length: 8-3/8" to 17")
Paper Cassettes Capacity:	550 Sheets (20 lb. Bond)
Dimensions (H x W x D):	5-5/8" x 21-1/2" x 27-1/2"
Weight:	Approximately 24.3 lb. (11 kg)

Footnotes:

- * One memory slot available for expanding memory
- ** The upper limit of the frequency range
- *** If 1200 dpi print is selected, engine speed will slow down
- **** Excluding the Toner Cartridges and Drum Cartridges
- ***** When printing Letter size paper at 5% page coverage with the default print density settings

Other Optional Accessories

- Hard Disk KIT HD-98A
- Barcode Printing Kit A-98A
- WASTE TONER BOX WT-98C
- FUSER KIT UM-98F
- Cabinet-W1
- Cabinet-X1
- EXPANSION RAM ER-128
- EXPANSION RAM ER-256



imageRUNNER LBP5360



SPEC SHEET

MAIN UNIT

Type:	Desktop Color Laser Printer
Printing Method:	Electrophoto method (Color RAPID Fusing System™)
Developing System:	Dry Dual Component Developing System
Memory:	
Standard:	128 MB RAM
Maximum:	384 MB RAM *
Hard Disk Drive:	Optional 20 GB
Network Interface Connections:	Parallel Connector (IEEE1284 compatible) 10/100 Base-TX (RJ-45)
Other Interface:	USB 2.0 High Speed / USB Full-Speed (USB 1.1 Equivalent)
User Interface:	LCD 16 characters x 1 line 8 LED Indicators 8 Operation Keys
First-Print Time:	10.1 Seconds (B/W) 10.1 Seconds (Color)
Warm-Up Time:	0 Seconds From Standby, 45 Seconds or Less After Powering ON

Printing Speed

(B/W, Color):	22/22 ppm (Letter)
CPU:	PowerPC 750CXr (400 MHz **)
Command Language:	UFR II, PCL5c

Print Resolution

UFR II / PCL5c:	2400 dpi equivalent x 600 dpi
Engine Resolution:	600 dpi x 600 dpi

Printer Drivers

UFR II:	Windows® (Windows 2000/XP/Server 2003, Citrix MetaFrame), Macintosh® (OS 10.2.8 or later)
PCL5c:	Windows (Windows 98/Me/2000/XP/Server 2003, Citrix MetaFrame)
Halftone:	256 Gradations (Continuous-Tone)

Paper Sources

Standard:	250-Sheet Paper Cassette (20 lb. Bond) 100-Sheet Multi Purpose Tray
Optional:	500-Sheet x Up To 1 Paper Cassettes
Maximum:	850 Sheets

Paper Sizes

Cassettes:	Legal, Letter, Executive, Foolscap, Custom Sizes (Width: 5-7/8" to 8-1/2" Length: 8-3/8" to 8-1/2")
Multi Purpose Tray:	Legal, Statement, Letter, Executive, Foolscap, Index Card, Custom Sizes (Width: 3" to 8-1/2" Length: 5" to 14") and Envelopes

Acceptable Paper Weight

Cassettes:	17 lb. Bond to 32 lb. Bond
Multi Purpose Tray:	17 lb. Bond to 80 lb. Cover
Maximum Paper Size:	Legal (216 x 355.6 mm Paper Size)
Maximum Monthly Volume:	80,000 impressions
Output Capacity:	Approximately 250 sheets (20 lb. Bond)
Paper Output:	Face Down
Duplexing:	Standard Automatic Trayless Duplexing (Legal, Letter, Foolscap)
Dimensions (H x W x D):	17-1/4" x 16-1/4" x 17-7/8" (Main Unit)
Installation Space (W x D):	16-1/4" x 27-7/8" (When the Multi Purpose Tray is extended)
Weight:	Approximately 48.5 lb. (22 kg) ***
Power Supply:	100V-127V 50Hz/60Hz

Power Consumption

Operating:	Approximately 460 W (Average)
Standby:	Approximately 48 W (Average)
Power Save Mode:	Approximately 16 W (Average)
Plug:	NEMA 5-15P
Toner (Estimated Yield):	Black: 6,000 images@5% coverage **** Full Color: 6,000 images@5% coverage *****

Optional Accessories

Paper Feeder Unit PF-93	
Paper Sizes:	Legal, Letter, Executive, Foolscap, Custom Sizes (Width: 5-7/8" to 8-1/2" Length: 8-3/8" to 8-1/2")
Paper Cassettes Capacity:	500 Sheets (20 lb. Bond)
Dimensions (H x W x D):	6-5/8" x 16" x 22-3/8"
Weight:	Approximately 11 lb. (5.0 kg)



Other Optional Accessories

- Hard Disk KIT HD-93
- EXPANSION RAM ER-128
- EXPANSION RAM ER-256

Footnotes:

- * One memory slot available for expanding memory
- ** The upper limit of the frequency range
- *** Excluding the Toner Cartridges
- **** When printing Letter size paper at 5% page coverage with the default print density settings

imageRUNNER LBP3460



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SPEC SHEET

MAIN UNIT

Type:	Desktop Laser Printer
Copying Method:	Electrophoto method (RAPID Fusing System™)
Developing System:	Dry Dual Component Developing System
Memory:	
Standard:	64 MB RAM
Maximum:	320 MB RAM *
Network Interface	
Connections:	10/100 Base-TX (RJ-45)
Other Interface:	USB 2.0 High Speed / USB Full-Speed (USB 1.1 equivalent)
User Interface:	LCD 16 characters x 1 line 8 LED indicators 8 Operation keys
First Print Time:	8.0 Seconds
Warm-Up Time:	0 Seconds From Standby, 9 Seconds After Powering ON

Print Speed:

B/W	35 ppm (Letter)
CPU:	R4000-333 MHz **
Command Language:	UFR II / PCL5e / PCL6

Print Resolution

UFR II / PCL5e / PCL6:	2400 dpi equivalent x 600 dpi
Engine Resolution:	600 dpi x 600 dpi

Printer Drivers

UFR II:	Windows® (Windows 2000/XP/Server 2003, Citrix MetaFrame), Macintosh® (OS 10.2.8 or later)
PCL5c / PCL6:	Windows (Windows 98/Me/2000/XP/Server 2003, Citrix MetaFrame)
Halftone:	256 Gradations (Continuous-Tone)

Paper Sources

Standard:	250-Sheet x 1 Paper Cassette (20 lb. Bond) 100-Sheet Multi Purpose Tray
Optional:	500-Sheet x Up To 1 Paper Cassette
Maximum:	850-Sheets

Paper Sizes

Drawers:	Legal, Letter, Executive, Custom Sizes (Width: 5-7/8" to 8-1/2" Length: 8-3/8" x 14")
Multi Purpose Tray:	Legal, Letter, Executive, Statement, Index Card, Custom Sizes (Width: 3" to 8-1/2" Length: 5" to 14") and Envelopes
Acceptable Paper Weight	
Cassettes:	17 lb. Bond to 35 lb. Bond
Multi Purpose Tray:	17 lb. Bond to 65 lb. Cover
Maximum Paper Size	Legal (216x355.6mm Paper Size)
Maximum Monthly Volume:	150,000 impressions
Output Capacity:	Approximately 250 Sheets (Face Down) Approximately 50 Sheets (Face Up)
Paper Output:	Face Down / Face Up
Duplexing:	Standard Automatic Trayless Duplexing (Legal, Letter)
Dimensions (H x W x D):	10 3/4" x 17 5/8" x 16 1/4"
Installation Space (W x D):	17 5/8" x 24 1/2" (when the Multi-Purpose Tray is extended)
Weight:	Approximately 35.5 lb. (16.1 kg) ***
Power Supply:	100-127 V 50/60Hz

Power Consumption

Operating:	Approximately 580 W (average)
Standby:	Approximately 10 W (average)
Deep Sleep Mode:	Approximately 7 W (average)
Plug:	NEMA 5-15P
Toner (Estimated Yield):	Black (cartridge 110): 6,000 images@5% coverage **** Black (cartridge 110 II): 12,000 images@5% coverage ****

Optional Accessories

Paper Feeder Unit PF-36	
Paper Sizes:	Legal, Letter, Executive, Custom Sizes (Width: 5-7/8" to 8-1/2" Length: 8-3/8" x 14")
Paper Cassette Capacity:	500 Sheets (20 lb. Bond)
Dimensions (H x W x D):	6 5/8" x 17 5/8" x 18 7/8"
Weight:	Approximately 12.4 lb. (5.6 kg)

Other Optional Accessories

- EXPANSION RAM ER-64
- EXPANSION RAM ER-128
- EXPANSION RAM ER-256



Footnotes:

- * One memory slot available for expanding memory
- ** The upper limit of the frequency range
- *** Excluding the Toner Cartridge
- **** When printing Letter size paper at 5% page coverage with the default print density settings